IN I ENNATIONAL SEARCH REPUBL

ernational Application No PCT/EP2004/006374 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F02B53/00 F01C F01C1/344 F01C19/02 F01C21/10 F01C11/00 F01C21/08 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) F02B F01C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. DE 197 44 812 A (HEROLD & SEMMLER Χ TRANSPORTTECH) 8 April 1999 (1999-04-08) 1-9,18column 1, lines 3-7 column 3, line 46 - column 4, line 14 figures 1,2 X DE 44 22 720 A (MORGENROTH INGOLF DIPL ING) 4 January 1996 (1996-01-04) 1-9.18column 1, lines 8-15 column 1, lines 29-31 figure 1 WO 03/036047 A (ENGINION AG; CLEMENS X HERBERT (DE)) 1 May 2003 (2003-05-01) 1-7,9,18Α figures 1-3 8 page 6, paragraph 1 abstract claims 1-7 Χ Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 28 September 2004 05/10/2004 Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Authorized officer

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hternational Application No PCT/EP2004/006374

	tion) DOCUMENTS CONSIDERED TO BE RELEVANT		04/006374
category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
x	US 5 072 705 A (OVERMAN KENNETH) 17 December 1991 (1991-12-17) figures 1-3 abstract claims 1-22		1-7,9,18
X A	US 3 200 796 A (VACLAV STOUPA ET AL) 17 August 1965 (1965-08-17)		1-6,9,18
^	figures 1–7 claims 1–11		8
A	US 1 899 374 A (WERLE MATHEW C) 28 February 1933 (1933-02-28) figures 1-5 claims 1-5	·	1-13,15, 17
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 08, 6 August 2003 (2003-08-06) & JP 2003 097206 A (HONDA MOTOR CO LTD), 3 April 2003 (2003-04-03) abstract		1-5
A	US 4 399 654 A (DAVID CONSTANT V) 23 August 1983 (1983-08-23) column 1, lines 7-9 column 9, lines 1-12 figure 19		1,6
		•	
	•		
m PCT/ISA/240	(continuation of second sheet) (January 2004)		

INTERNATIONAL SEARCH REPURT

Information on patent family members

ternational Application No
PCT/EP2004/006374

Patent document Bublicat			101/6		172004/0063/4	
cited in search report		Publication date		Patent family member(s)	Publication date	
DE 19744812	A	08-04-1999	DE	19744812 A1	08-04-1999	
DE 4422720	Α	04-01-1996	DE	4422720 A1	04-01-1996	
WO 03036047	A	01-05-2003	DE WO	20117224 U1 03036047 A1	13-12-2001 01-05-2003	
US 5072705	Α	17-12-1991	NONE	وهم المنا المنا عليه مناه المنا		
US 3200796	A	17-08-1965	AT DE GB	255833 B 1426064 A1 998144 A	25-07-1967 21-11-1968 14-07-1965	
US 1899374	Α	28-02-1933	NONE			
JP 2003097206	Α	03-04-2003	NONE			
US 4399654	A	23-08-1983	DE EP JP	3376348 D1 0087242 A1 58152102 A	26-05-1988 31-08-1983 09-09-1983	